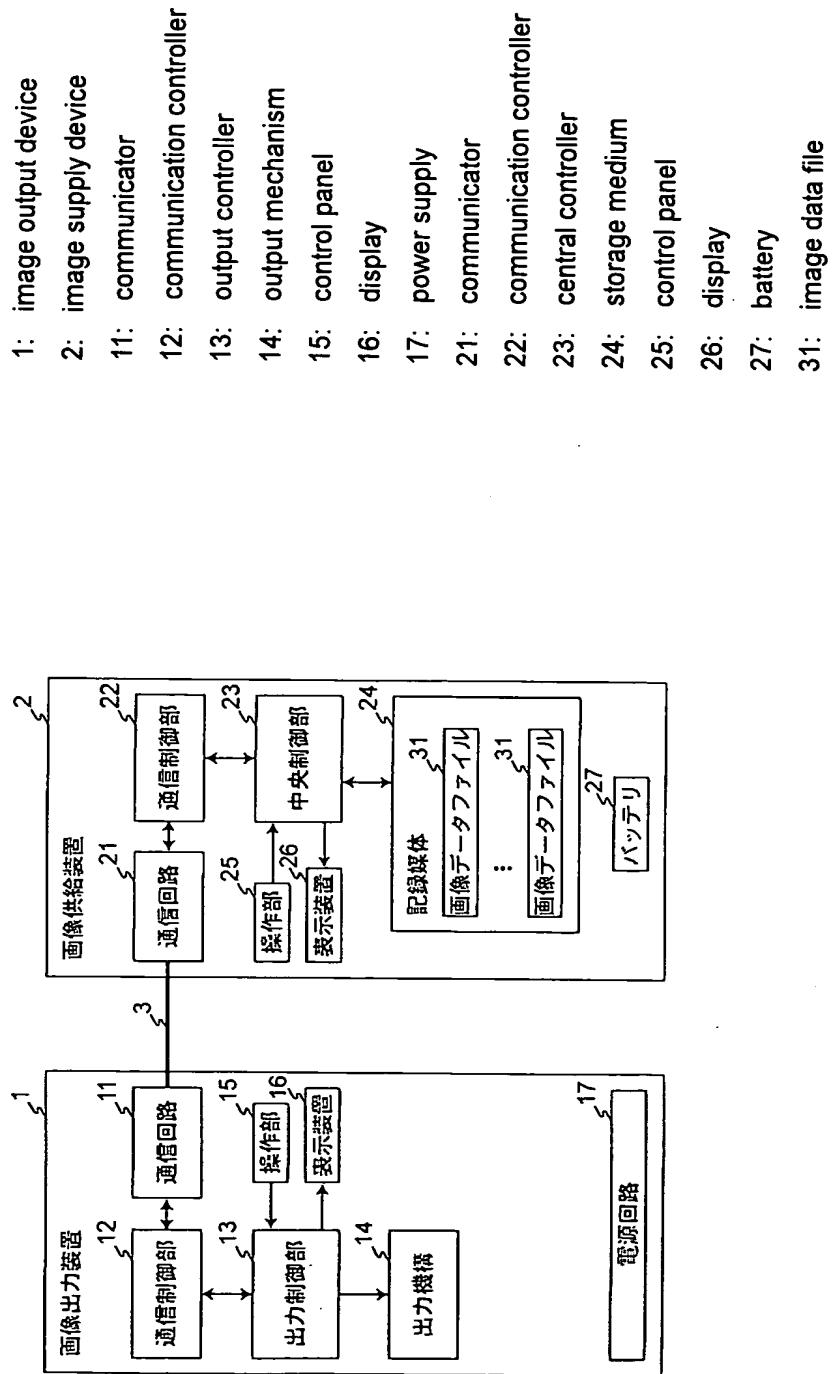


Fig. 1



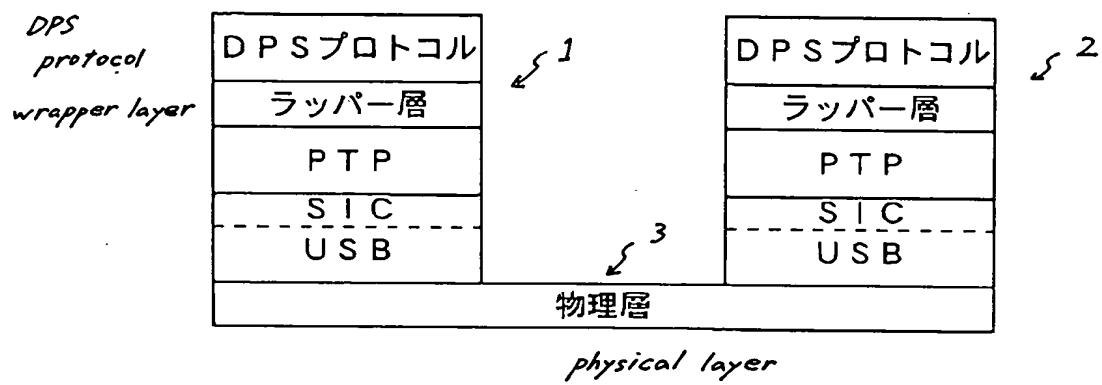
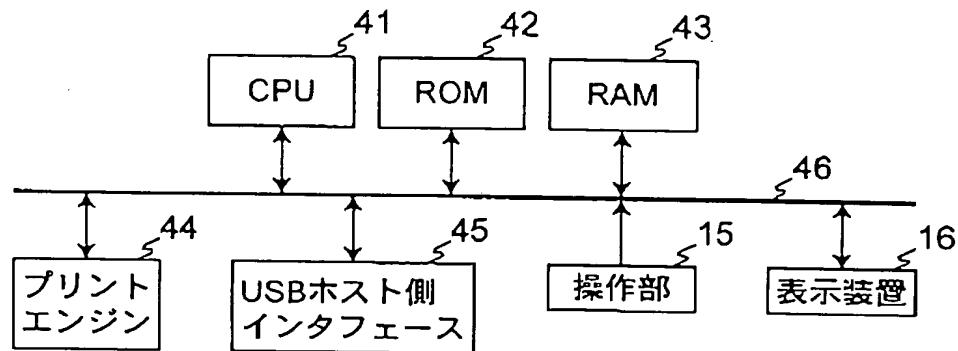


Fig. 2

Fig. 3



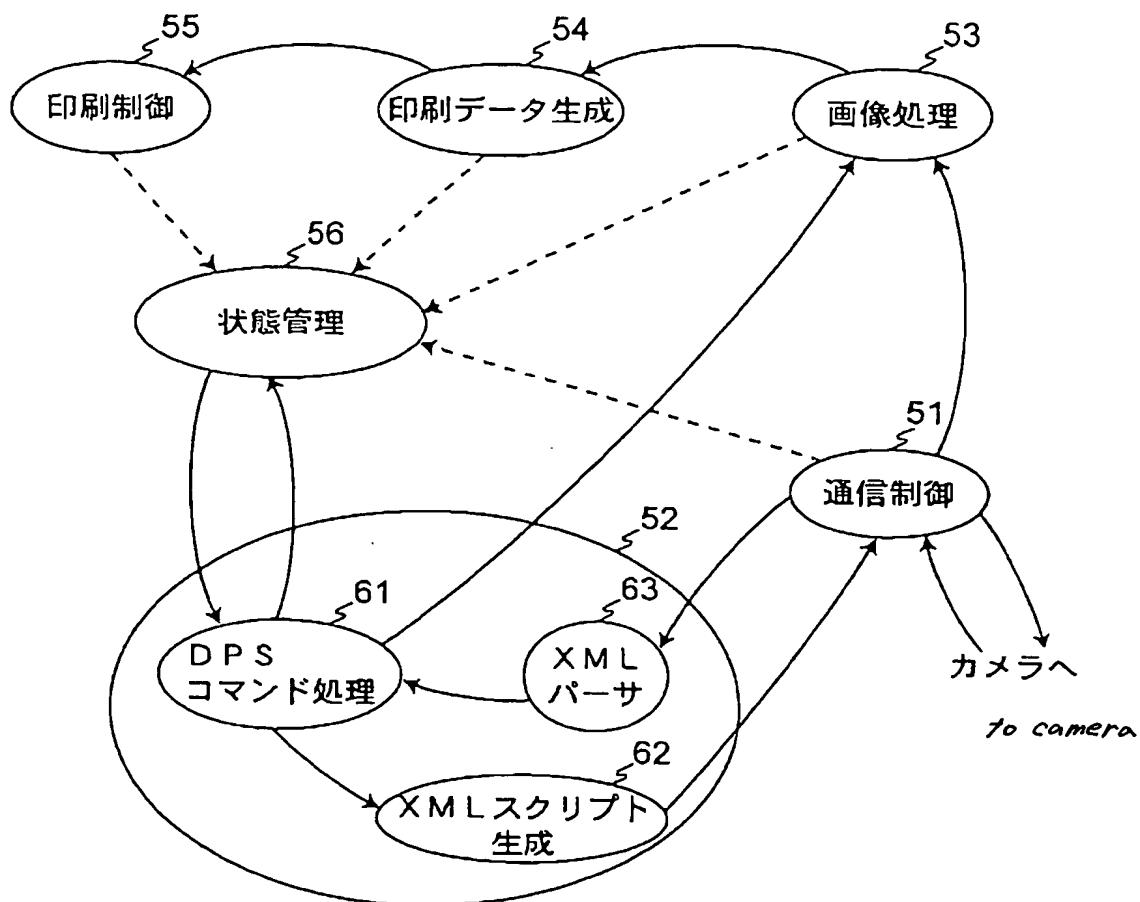
15: control panel

16: display

44: print engine

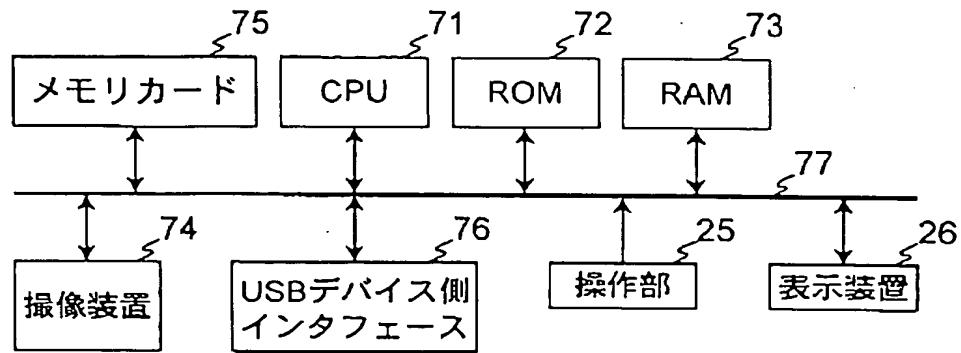
45: USB host interface

Fig. 4



- 51: communication control
- 52: DPS protocol processing
- 53: image processing
- 54: image data generation
- 55: print control
- 56: status management
- 61: DPS command processing
- 62: XML script generation
- 63: XML parser

Fig. 5



25: control panel

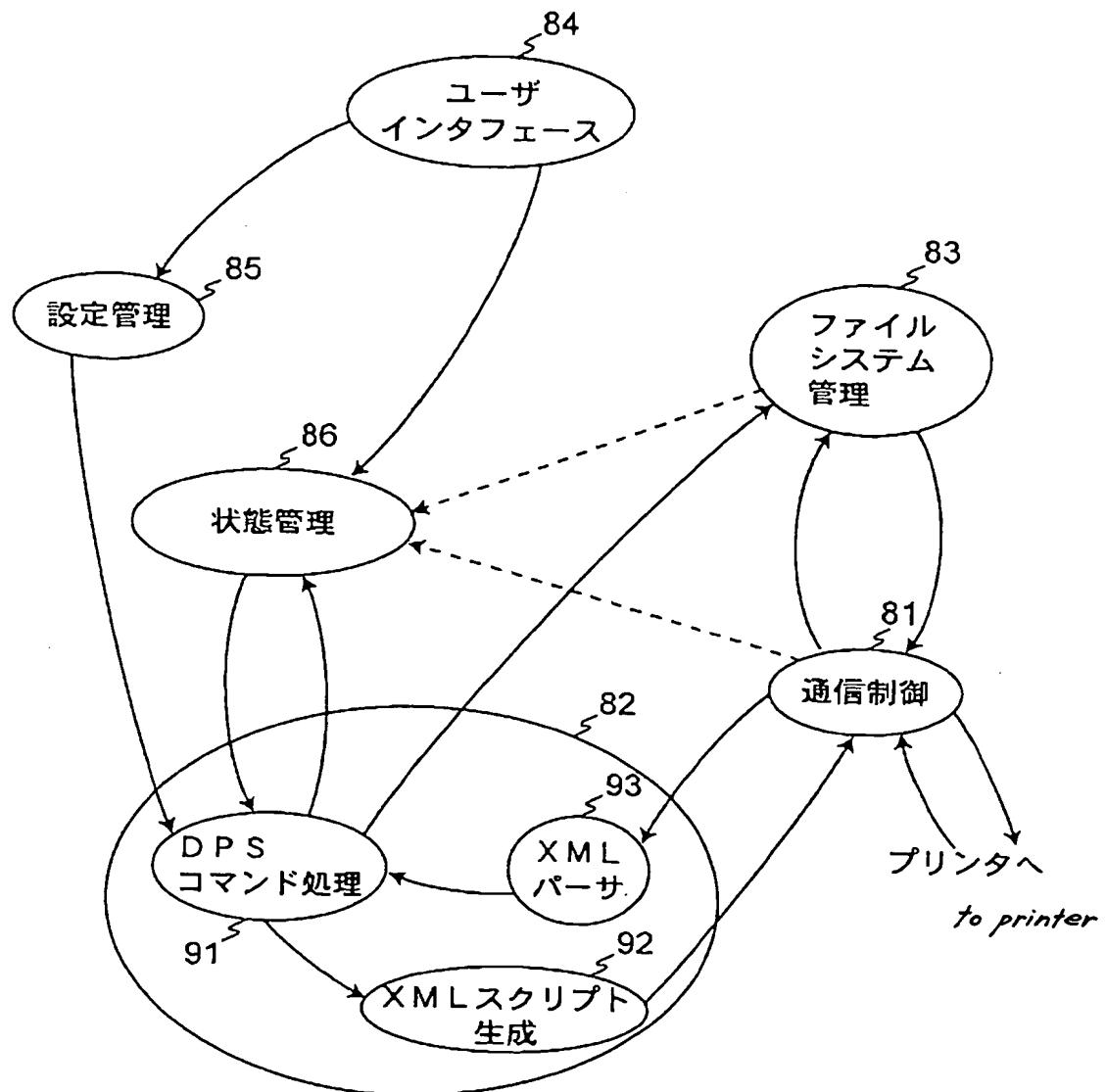
26: display

74: imaging device

75: memory card

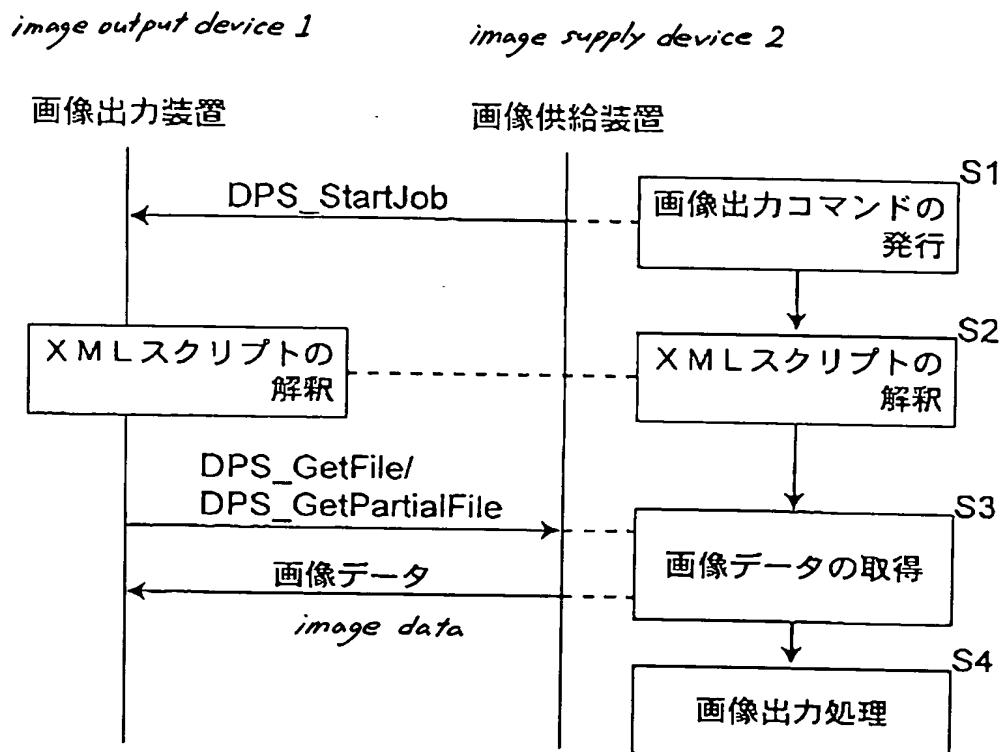
76: USB device interface

Fig. 6



- 81: communication control
- 82: DPS protocol processing
- 83: file system management
- 84: user interface
- 85: setting management
- 86: status management
- 91: DPS command processing
- 92: XML script generation
- 93: XML parser

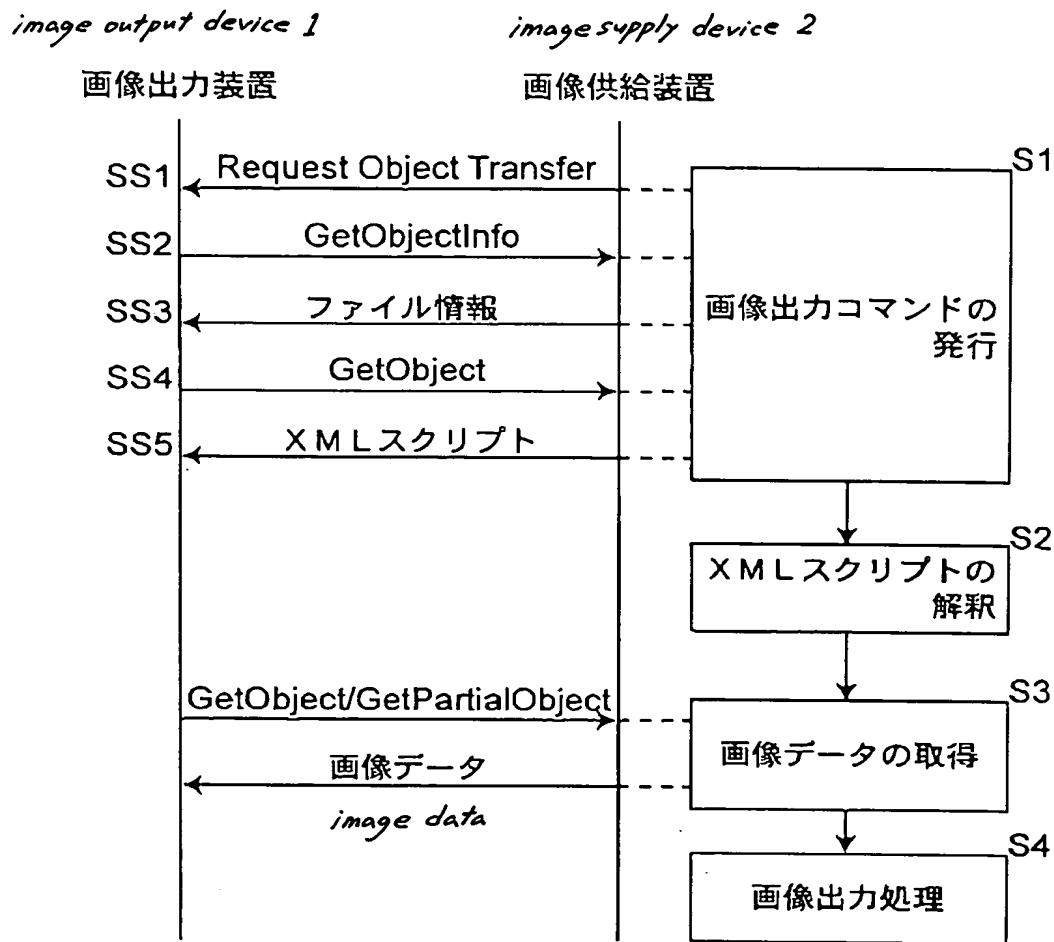
*to printer*



- S1: transmit image output command
- S2: interpret XML script
- S3: acquire image data
- S4: image output processing

Fig. 7

Fig. 8



S1: transmit image output command

S2: interpret XML script

S3: acquire image data

S4: image output processing

SS3: file information

SS5: XML script

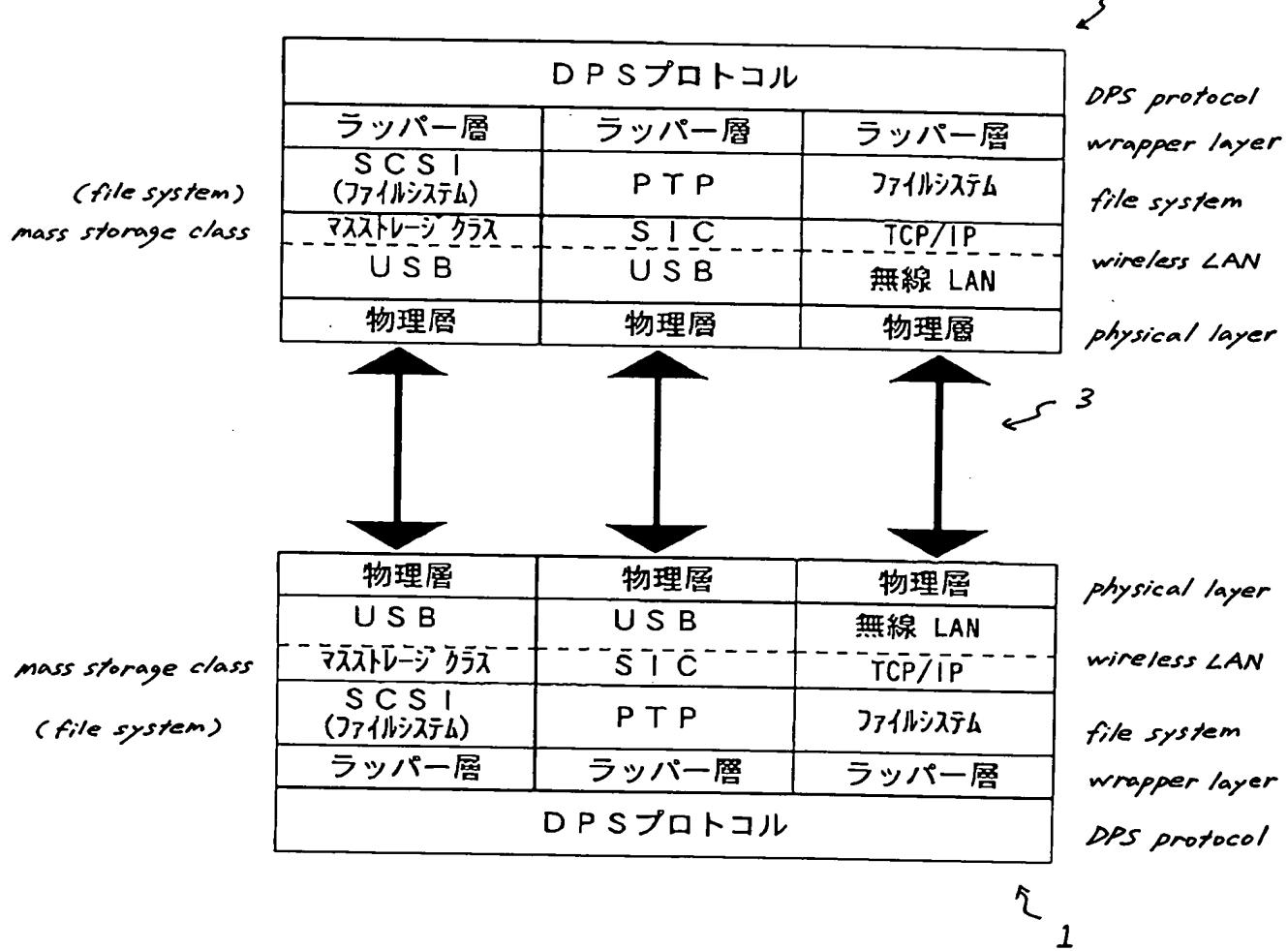
*Fig. 9*

```
<?xml version="1.0"?>
<dps xmlns="http://www.xxxx">
  <startJobRequest>
    <job>
      <jobConfig>
        <quality>01000000</quality>
        <paperSize>02010000</paperSize>
        <paperType>03020000</paperType>
        <fileType>04150000</fileType>
        <date>05010000</date>
        <fileName>06000000</fileName>
        <imageOptimize>07000000</imageOptimize>
        <layoutItem>08010000</layoutItem>
      </jobConfig>
      <printInfo>
        <image>
          <imageID>00000001</imageID>
          <imageDate>2002/05/30</imageDate>
        </image>
      </printInfo>
    </job>
  </startJobRequest>
</dps>
```

*Fig. 10*

```
<?xml version="1.0"?>
<dps xmlns="http://www.xxxx">
  <getFileRequest>
    <fileID>00000001</fileID>
    <buffPtr>00100000</buffPtr>
  </getFileRequest>
</dps>
```

Fig. 11



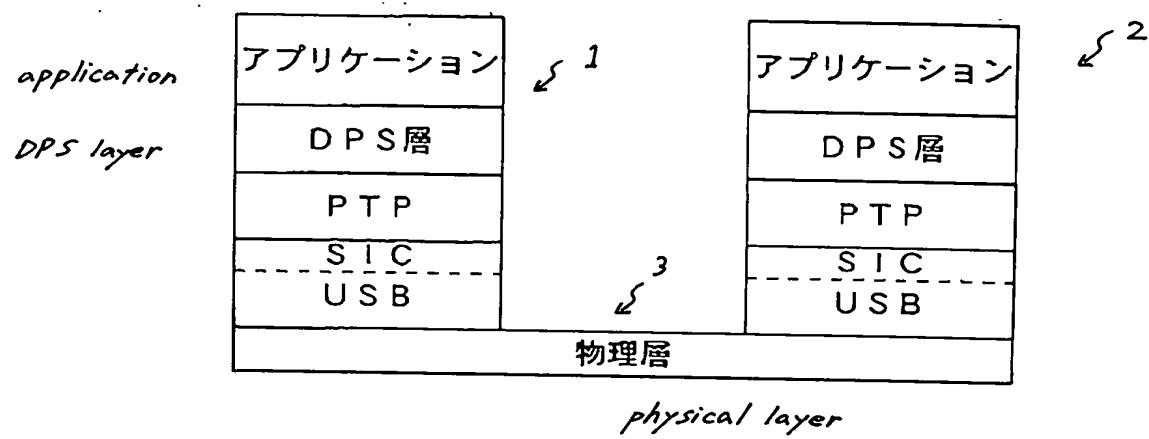


Fig. 12

Fig. 13

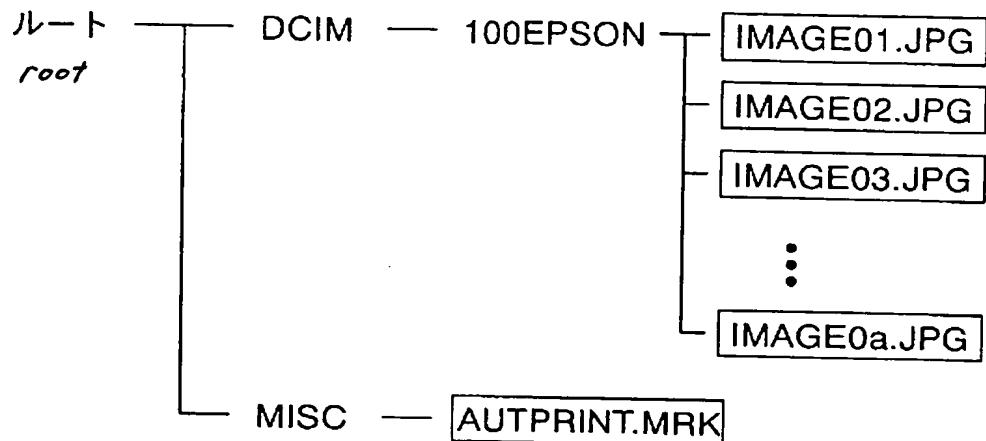


Fig. 14

```
[JOB]
PRT PID = 001
PRT TYP = STD
PRT QTY = 002
IMG SRC = "./DCIM/100EPSON/IMAGE01.JPG"
IMG FMT = EXIF2-J
[JOB]
PRT PID = 002
PRT TYP = STD
PRT QTY = 001
IMG SRC = "./DCIM/100EPSON/IMAGE02.JPG"
IMG FMT = EXIF2-J
[JOB]
PRT PID = 003
PRT TYP = STD
PRT QTY = 001
IMG SRC = "./DCIM/100EPSON/IMAGE03.JPG"
IMG FMT = EXIF2-J
```

Fig. 15

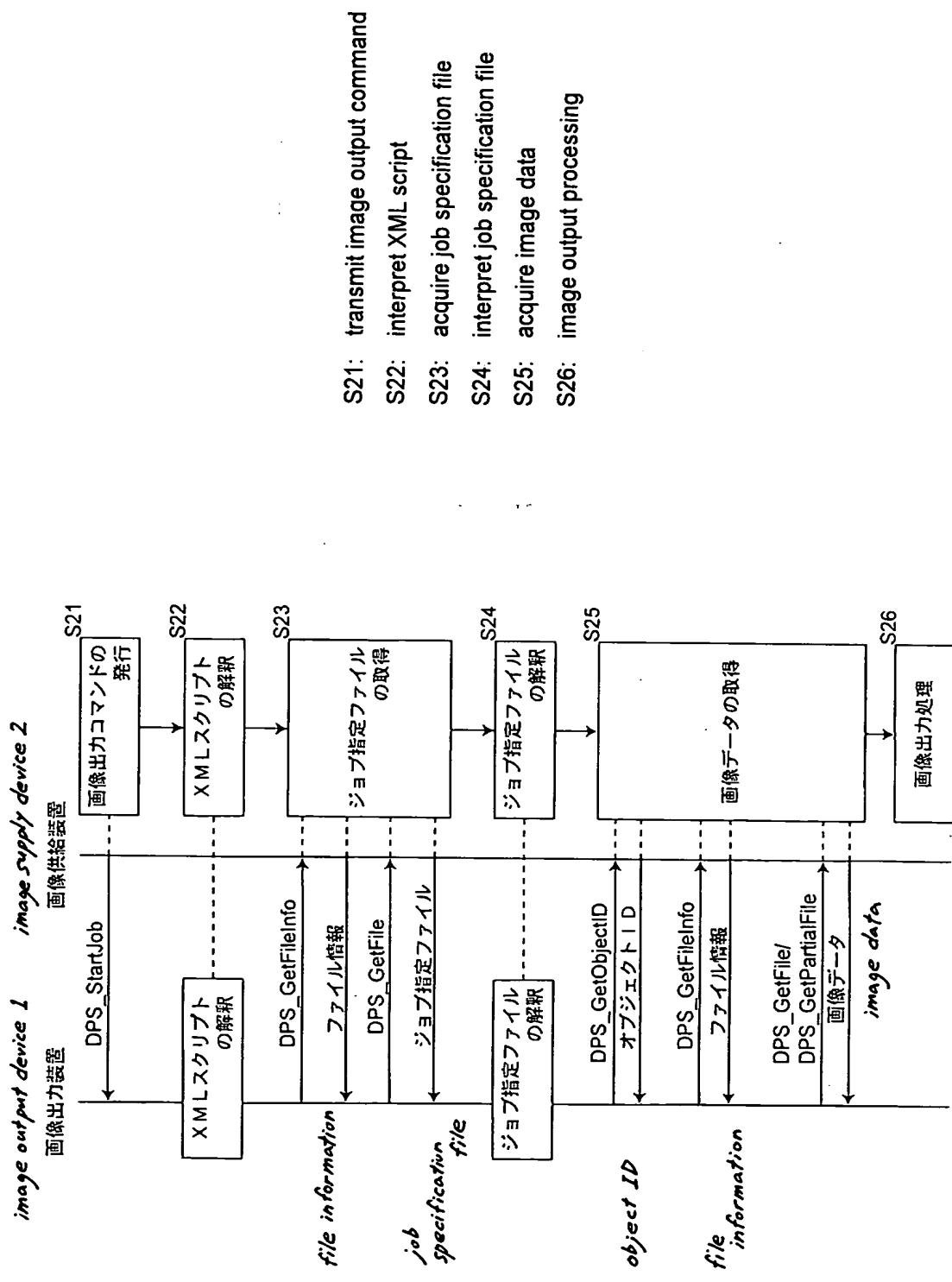
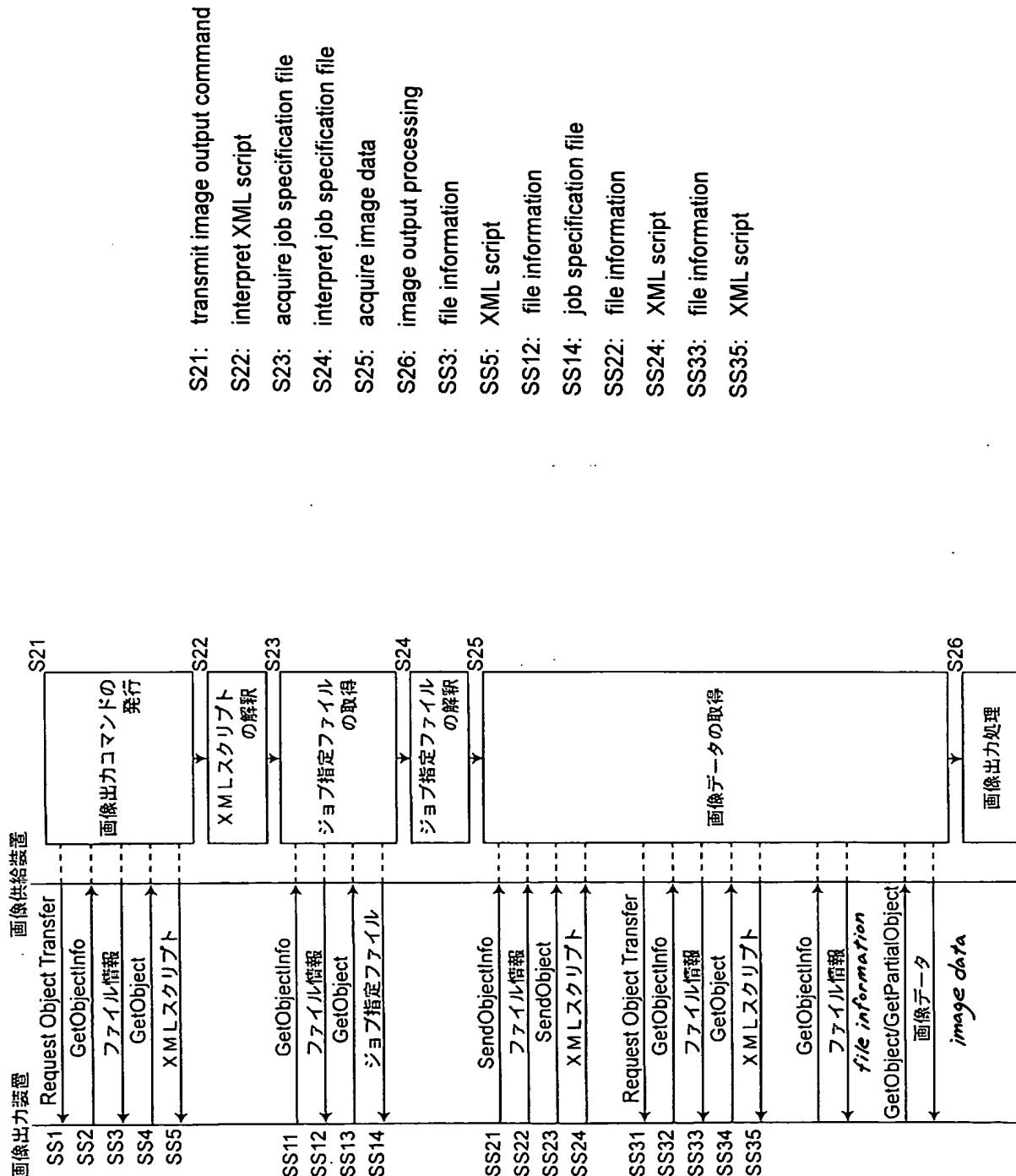


Fig. 16

image output device 1      image supp/ device 2



*Fig. 17*

```
<?xml version="1.0"?>
<dps xmlns="http://www.xxxx">
  <getObjectIDRequest>
    <basePathID>00000002</basePathID>
    <imagePath>..\DCIM\100EPSON\IMAGE.JPG</imagePath>
  </getObjectIDRequest>
</dps>
```

*Fig. 18*

```
<?xml version="1.0"?>
<dps xmlns="http://www.xxxx">
  <opResult>
    XX000000
  </opResult>
  <getObjectIDResponse>
    <basePathID>00000002</basePathID>
    <imagePath>..\DCIM\100EPSON\IMAGE.JPG</imagePath>
    <imageID>00000002</imageID>
  </getObjectIDResponse>
</dps>
```

*Fig. 19*

```
<?xml version="1.0"?>
<dps xmlns="http://www.xxxx">
  <getFileInfoRequest>
    <fileID>00000001</fileID>
  </getFileInfoRequest>
</dps>
```

Fig. 20

```
<?xml version="1.0"?>
<dps xmlns="http://www.xxxx">
<opResult>
XX000000
</opResult>
<getFileInfoResponse>
<fileType>04000000</fileType>
<fileSize>1048576</fileSize>
</getFileInfoResponse>
</dps>
```

Fig. 21

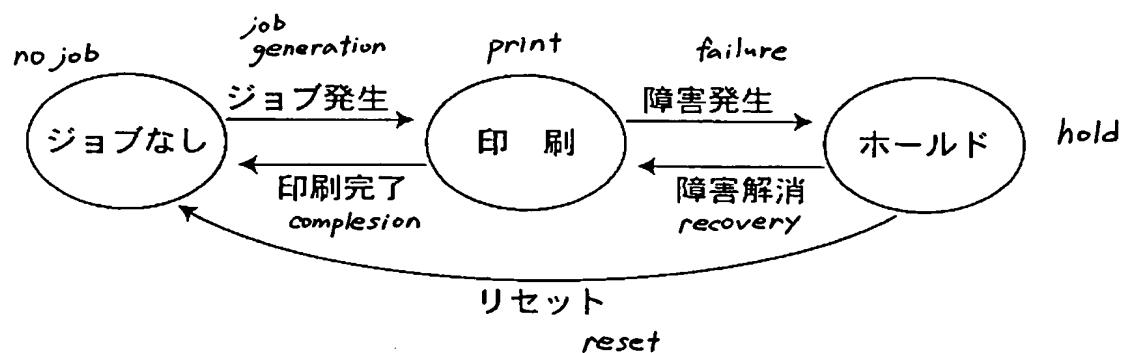
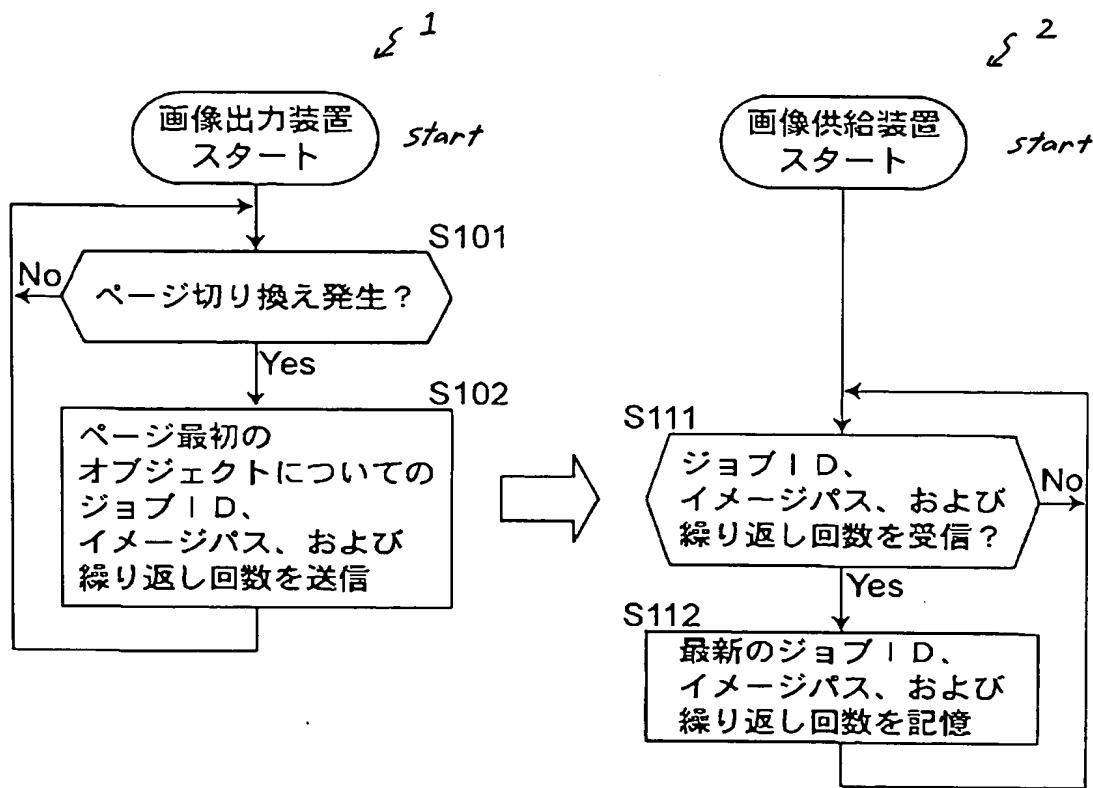


Fig. 22



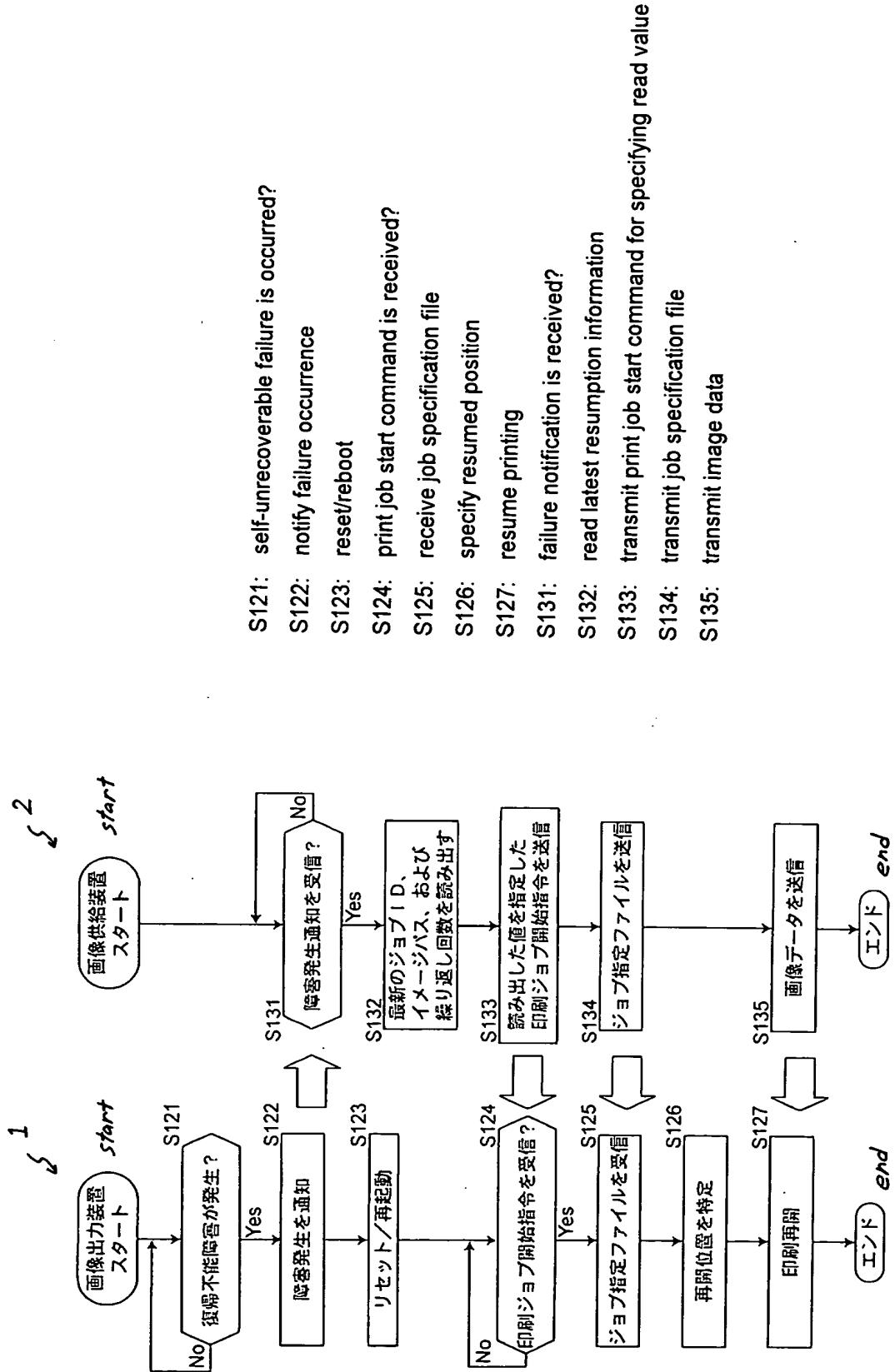
S101: page break is detected?

S102: transmit resumption information of new page

S111: resumption information is received?

S112: update resumption information with received one

Fig. 23



*Fig. 24*

```
<?xml version="1.0"?>
<dps xmlns="http://www.xxxx">
  <notifyJobStatusRequest>
    <jStatus>11000000</jStatus>
    <prtPid>000</prtPid>
    <imagePath>..\DCIM\100EPSON\IMAGE.JPG</imagePath>
    <copyId>02</copyId>
    <progress>04/06</progress>
    <jEndReason>10000000</jEndReason>
  </notifyJobStatusRequest>
</dps>
```

*Fig. 25*

```
<?xml version="1.0"?>
<dps xmlns="http://www.xxxx">
  <notifyDeviceStatusRequest>
    <errorStatus>0E010000</errorStatus>
    <reason>0F010000</reason>
    <disconnectEnable>10010000</disconnectEnable>
    <capabilityChange>14010000</capabilityChange>
  </notifyDeviceStatusRequest>
</dps>
```

*Fig. 26*

```
<?xml version="1.0"?>
<dps xmlns="http://www.xxxx">
<startJobRequest>
<job>
<jobConfig>
<quality>01000000</quality>
<paperSize>02010000</paperSize>
<paperType>03020000</paperType>
<fileType>04150000</fileType>
<date>05010000</date>
<fileName>06000000</fileName>
<imageOptimize>07000000</imageOptimize>
<layoutItem>08010000</layoutItem>
</jobConfig>
<printInfo>
<image>
<imageID>00000002</imageID>
<imageDate>2002/05/30</imageDate>
<prtPid>001</prtPid>
<imagePath>..\DCIM\100EPSON\IMAGE.JPG</imagePath>
<copies>002</copies>
</image>
</printInfo>
</job>
</startJobRequest>
</dps>
```

Fig. 27

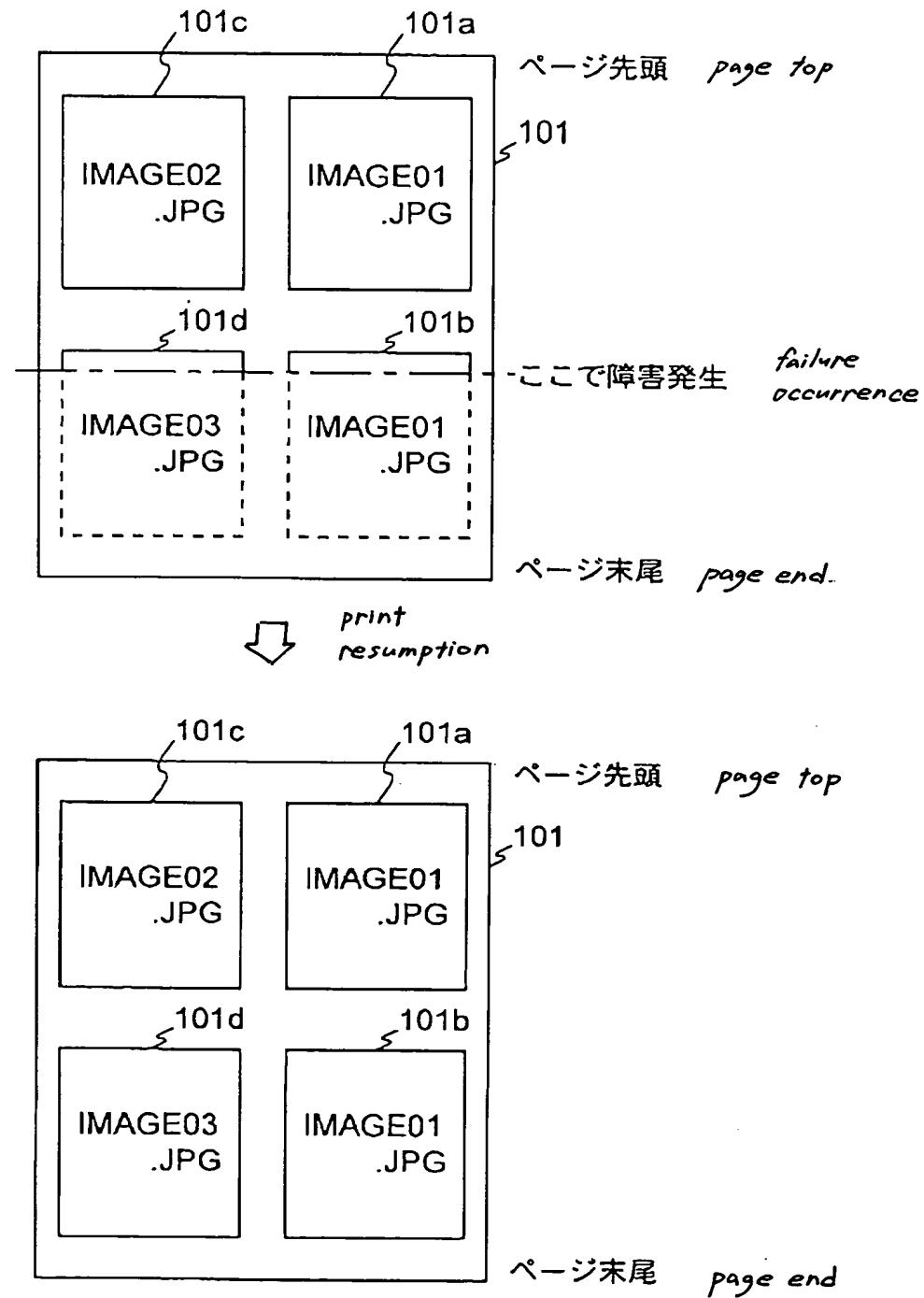


Fig. 28

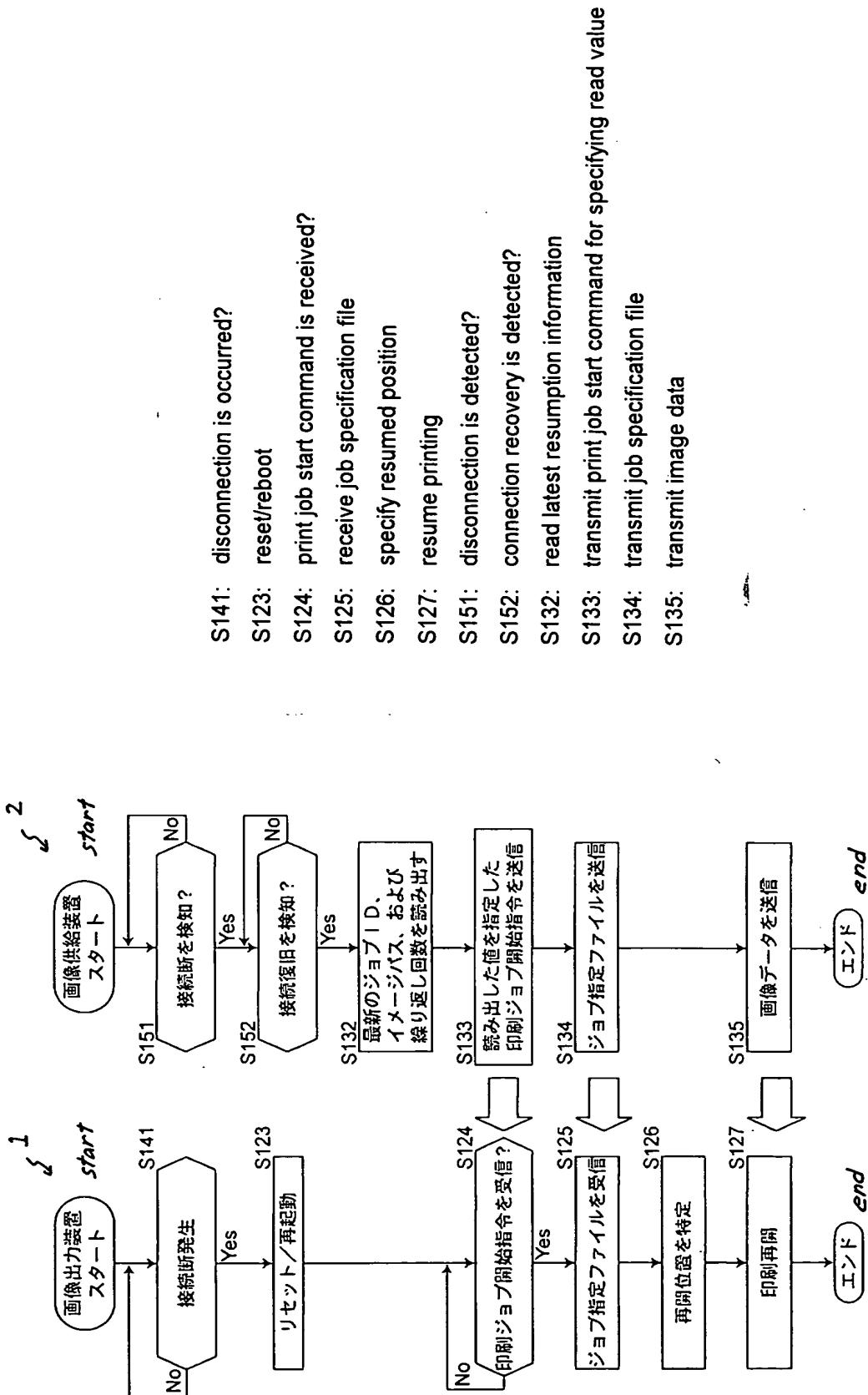


Fig. 29

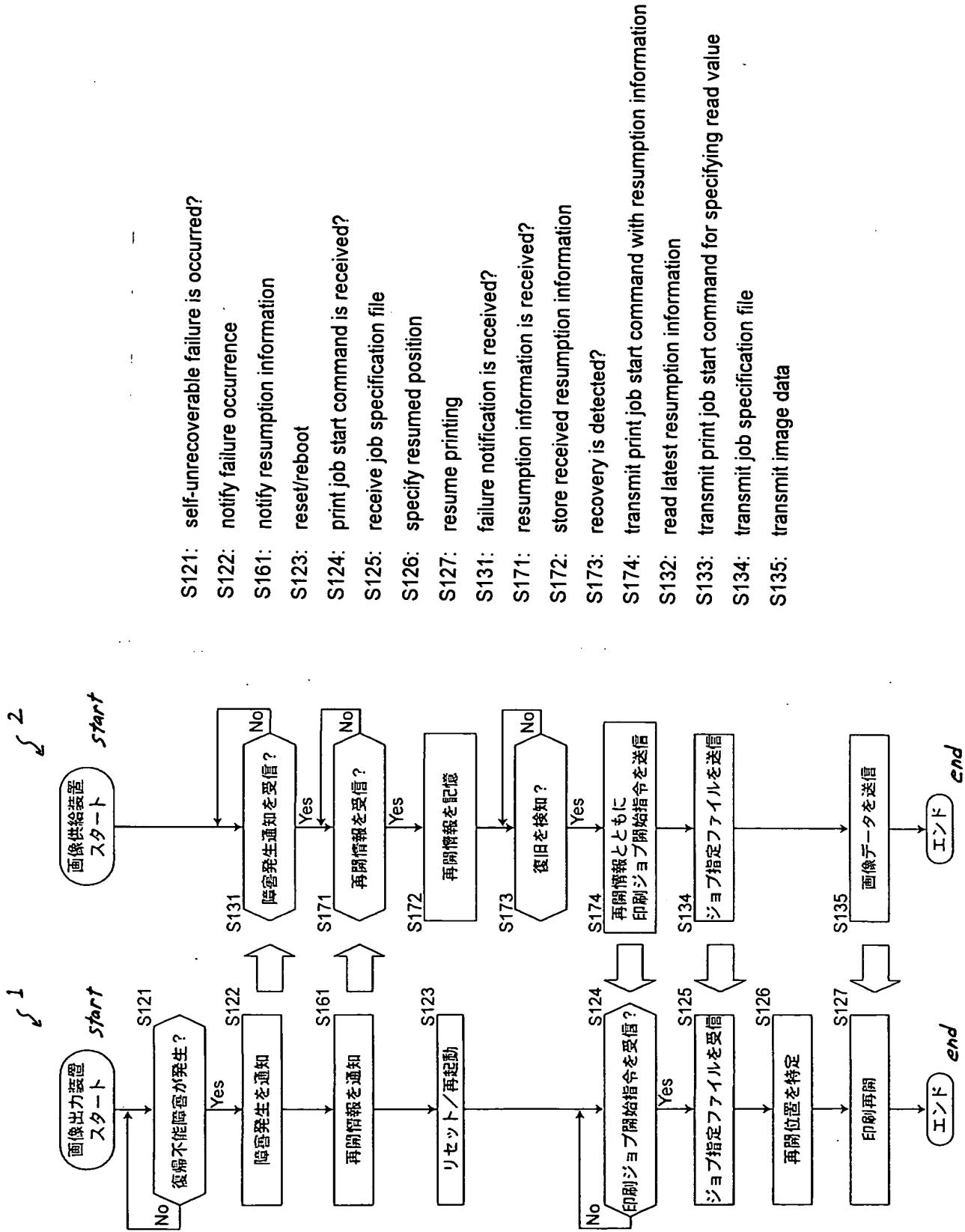


Fig. 30

